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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/730,476	12/08/2003	Chunying Du	C065272/0209910	3329
7590 BRYAN CAVE LLP 1290 Avenue of the Americas New York, NY 10104-3300			EXAMINER ROBINSON, HOPE A	
			ART UNIT 1652	PAPER NUMBER
			MAIL DATE 10/30/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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10/730, 470

EXAMINER

ART UNIT

PAPER

20071022

DATE MAILED:

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner for Patents**

The Art Unit location of your application in the USPTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Art Unit 1652.

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 CFR 1.821 through 1.825; applicant's attention is directed to the final rule making notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). To be in compliance, applicant is required to identify all amino acid sequences of at least 4 L-amino acids and at least 10 nucleotides by a sequence identifier, i.e., "SEQ ID NO:". It is noted that applicant filed a new sequence disclosure on October 10, 2007, however, the sequence errored, which is outlined in the attached error report. If these sequences are not disclosed in the application must amend the application. A paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification, and a statement that the content of the paper and computer readable form copies are the same and, where applicable, include no new matter as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.821(b) or 1.825(d). See the attached Notice to Comply with the sequence rules). As the non-compliant amendment is a reply to a Non-Final Office Action and since the amendment appears to be a bona fide attempt to be a reply (37 CFR 1.135(c)), applicant is given a TIME PERIOD of ONE MONTH from the mailing of this notice within which to re-submit the corrected section which complies with 37 CFR 1.121 in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD ARE AVAILABLE UNDER 37 CFR 1.136(a). Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hope A. Robinson whose telephone number is 571-272-0957. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ponnathapu Achutamurthy, can be reached at (571) 272-0928. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HOPE ROBINSON  
PRIMARY EXAMINER

Hope A. Robinson  
Primary Examiner  
Art Unit: 1652

10/22/07

# NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☒ 7. Other: See Raw Sequence Listing Error Report

## 8. Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216 or (703) 308-2923
- For CRF Submission Help, call (703) 308-4212
- For PatentIn software Program Support:
  - HELP DESK: (703) 739-8559, ext 508, M-F, 8 AM to 5 PM EST except holidays
  - Email: [PATIN21HELP@uspto.gov](mailto:PATIN21HELP@uspto.gov)
  - To purchase PatentIn software: (703) 306-2600

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE**

=====

Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Thu Sep 27 11:28:33 EDT 2007

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\*\*\*\*\*

Reviewer Comments:

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insufficient explanation for n locations, 'n' represents single  
nucleotide only.

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Application No: 10730476

Version No: 3.0

Input Set:

Output Set:

Started: 2007-09-18 12:17:03.998

Finished: 2007-09-18 12:17:05.966

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 968 ms

Total Warnings: 0

Total Errors: 0

No. of SeqIDs Defined: 87

Actual SeqID Count: 87

## SEQUENCE LISTING

<110> Du, Chunying  
Yang, Qiheng

<120> Method and Composition for Cleaving IAPs

<130> 40716(IP-022)

<140> 10730476

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<210> 10  
<211> 675  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (193)..(195)  
<223> n = a, t, g, c

<220>  
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<222> (283)..(285)  
<223> n = a, t, g, c

<220>  
<221> misc\_feature  
<222> (517)..(517)  
<223> n = g, c

<220>  
<221> misc\_feature  
<222> (518)..(519)  
<223> n = a, t, g, c

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<210> 11  
<211> 963  
<212> DNA  
<213> Homo sapiens

<400> 11  
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cagcggcgct acattggggg gatgatgctg accctgagtc ccagcatcct tgctgaacta	720
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gaa	963

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 <211> 975  
 <212> DNA  
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<220>  
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 <222> (1)..(12)  
 <223> n = Cleaved Nucleic Acids

<220>  
 <221> misc\_feature  
 <222> (193)..(193)  
 <223> n = t, c

<220>  
 <221> misc\_feature  
 <222> (195)..(195)  
 <223> n = t, c

<220>  
 <221> misc\_feature  
 <222> (285)..(285)  
 <223> n = a, t, g, c

<220>  
 <221> misc\_feature  
 <222> (519)..(519)  
 <223> n = a, t, g, c

<400> 12



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<210> 13  
 <211> 975  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)..(12)  
 <223> n = Cleaved Nucleic Acids

<220>  
 <221> mi